

PATRYK KOZIEL

AGENTIC PRODUCT ENGINEER · FULLSTACK

CONTACT

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Kraków

Portfolio: patrykkoziel.vercel.app

EDUCATION

2018 - 2022

WYŻSZA SZKOŁA EKONOMII I INFORMATYKI W KRAKOWIE

- Informatics and Econometrics - Mobile Application Programming specialization.
- Studied mobile application architecture, screen design, C# / .NET development, databases, CI/CD, and practical DevOps workflows.
- Engineering project: delivered a full-stack React Native mobile app, including product discovery, market research, backlog planning, collaboration, and go-to-market, sales, and marketing planning.

SKILLS

- TypeScript, JavaScript, Python
- React, Next.js, Vue.js, HTML, CSS
- Node.js, REST APIs, GraphQL
- OpenAI API, Claude API, LLM integrations
- Coding Agents, MCP, RAG
- Cloud backend, Capacitor, Git, CI/CD
- Design Systems, Figma, UI handoff
- Product UX, discovery, tradeoffs
- Demos, handoff, reusable workflows

AI & TOOLS

- Coding agents in daily work
- LLM APIs: OpenAI, Claude
- RAG, embeddings, semantic search
- Structured outputs & function calling
- Prompt design and iteration
- AI vision, OCR, HealthKit
- Cloud functions, API integrations
- Figma, UI handoff workflows

LANGUAGES

- English: B2+ / Advanced
- Polish: Native

PROFILE SUMMARY

Software Engineer with strong commercial frontend background and full-stack range, focused on shipping polished **React / TypeScript product builds** and TypeScript-heavy commercial frontend work. Experienced delivering production-grade e-commerce platforms serving millions of users across Europe, with auth, real API contracts, state, loading/error edges, performance constraints, and maintainable architecture. Comfortable turning ambiguous client problems into scoped demos and usable increments, balancing speed, UX quality, and clear handoff. Daily user of **coding agents** and LLM tooling, with hands-on work across OpenAI / Claude APIs, RAG, tool use, prompt design, and automation.

AI & PRODUCT PROJECTS

Selected Projects

2024 - Present

Software Engineer

- Axis Health** - co-founded a mobile wellbeing MVP combining habits, Apple Health data, cloud backend services, and LLM-based insight generation.
- Orangeria** - delivered a consumer AI plant-care app with photo diagnostics, watering reminders, push follow-ups, LLM fallback, and React / Capacitor / cloud backend.
- Loyalny** - built a B2B SaaS loyalty platform for local businesses with NFC-first customer flows, multi-tenant dashboard, analytics, and subscription model.
- Garage Management** - solo-built a workshop inventory SaaS / mobile MVP with barcode and VIN scanning, smart search, secure cloud data access, and faster part entry in pilot.
- Used coding agents daily for implementation, refactoring, debugging, tests, and documentation while keeping scopes small and reviewable.
- Designed AI flows with fallback states, user correction, re-ask paths, and reviewable outputs.
- Built MCP-based internal tools, reusable prompts, and document workflows for pricing, client collaboration, and delivery support.

WORK EXPERIENCE

E NET PRODUCTION

4 years · 2021 - Present

Software Engineer

- Developed and maintained advanced custom e-commerce systems using **TypeScript, Vue.js, REST APIs, and GraphQL**.
- Delivered production features for e-commerce platforms serving **millions of users** across brands including Media Expert, MediaMarkt, CCC, and JD Sports.
- Owned features across scope, implementation, API integration, QA support, feedback iteration, and handoff.
- Handled state, loading and error edges, performance, scalability, and maintainability across high-traffic platforms.
- Conducted code reviews, improved reusable frontend patterns, and communicated technical tradeoffs with stakeholders.
- Built native iOS and Android apps, expanding mobile reach and user experience across product channels.
- Supported code reviews, reusable frontend patterns, and clear handoff for features extended by other developers.

Artify

~1 year · 2021

Frontend Developer

- Developed landing pages and web interfaces using HTML, CSS, JavaScript, and **React**.
- Built interactive features such as subscription calculators and configurators for product and sales flows.
- Collaborated with cross-functional teams in agile environments, turning feedback into clear, usable iterations.

Yango / XMedia

~1 year · 2020 - 2021

Full-Stack Developer

- Created and maintained responsive e-commerce platforms and web applications using PHP, JavaScript, and modern frontend technologies.